Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120518\
Data File : VN052681.D
Acq On : 5 Dec 2018 17:20
Operator : MD\SY
Sample : J6194-02RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : OK-02-120418-ARE

Quant Time: Dec 06 05:49:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1166102	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1817759	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1586648	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	633439	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	629944	49.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.22%				
35) Dibromofluoromethane	7.59	113	321933	28.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 57.46%				
50) Toluene-d8	10.09	98	2206461	50.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.16%				
62) 4-Bromofluorobenzene	12.40	95	701294	47.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.68%				
Target Compounds							Qvalue
16) Acetone	3.82	43	173560	51.826	ug/l		97
18) Methyl Acetate	4.33	43	108465	11.291	ug/l		99
20) Methylene Chloride	4.55	84	1341188	102.341	ug/l		99
25) 2-Butanone	6.85	43	8223	1.732	ug/l	#	90
52) Toluene	10.16	92	709434	23.341	ug/l		99
67) Ethyl Benzene	11.51	91	491987	8.587	ug/l		99
68) m/p-Xylenes	11.62	106	789235	37.004	ug/l		99
69) o-Xylene	11.95	106	297493	14.363	ug/l		99
78) n-propylbenzene	12.59	91	188918	3.346	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	299296	7.551	ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	1112460	28.006	ug/l		100
95) Naphthalene	15.14	128	124478	8.290	ug/l		100

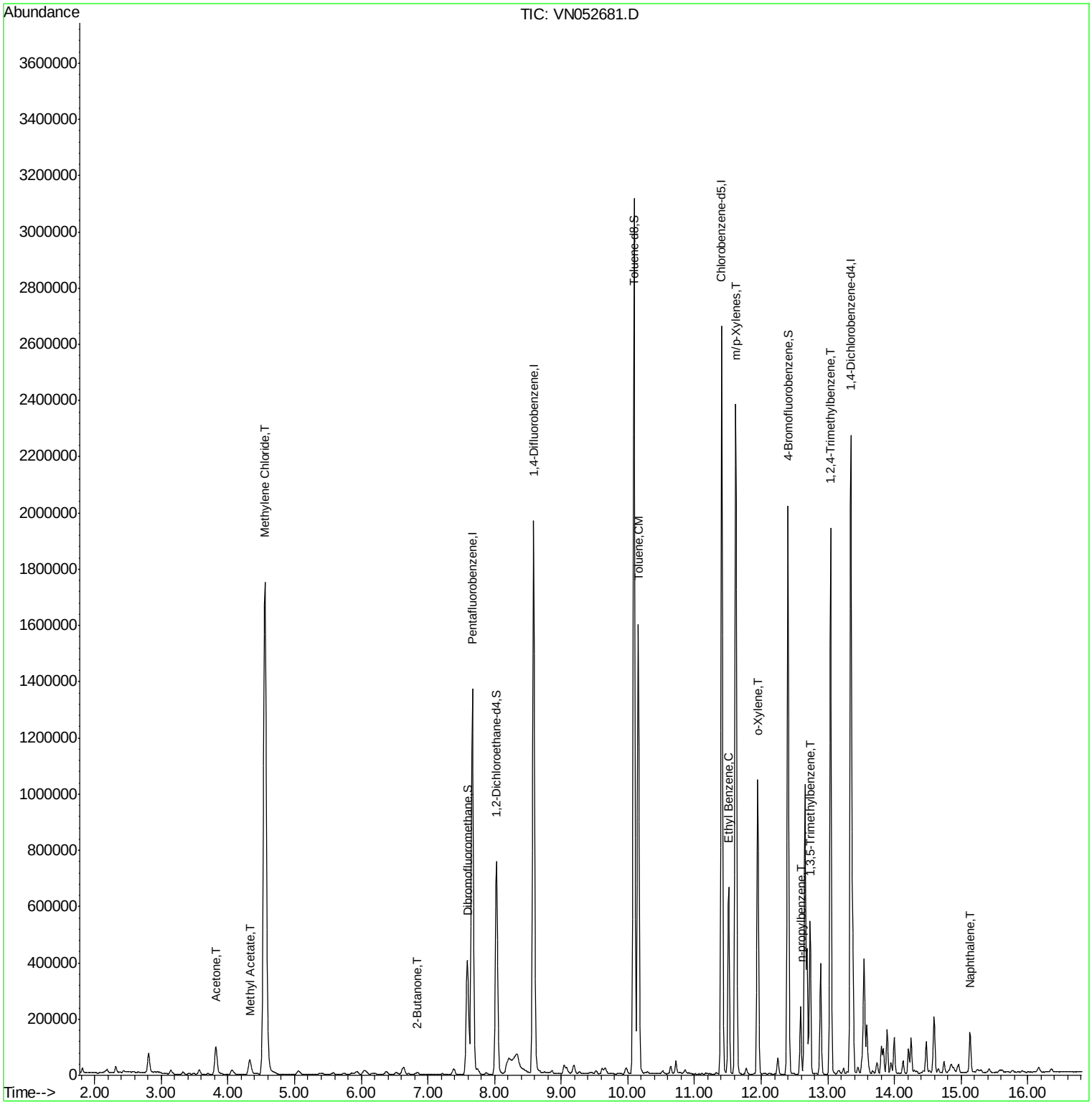
(#) = qualifier out of range (m) = manual integration (+) = signals summed

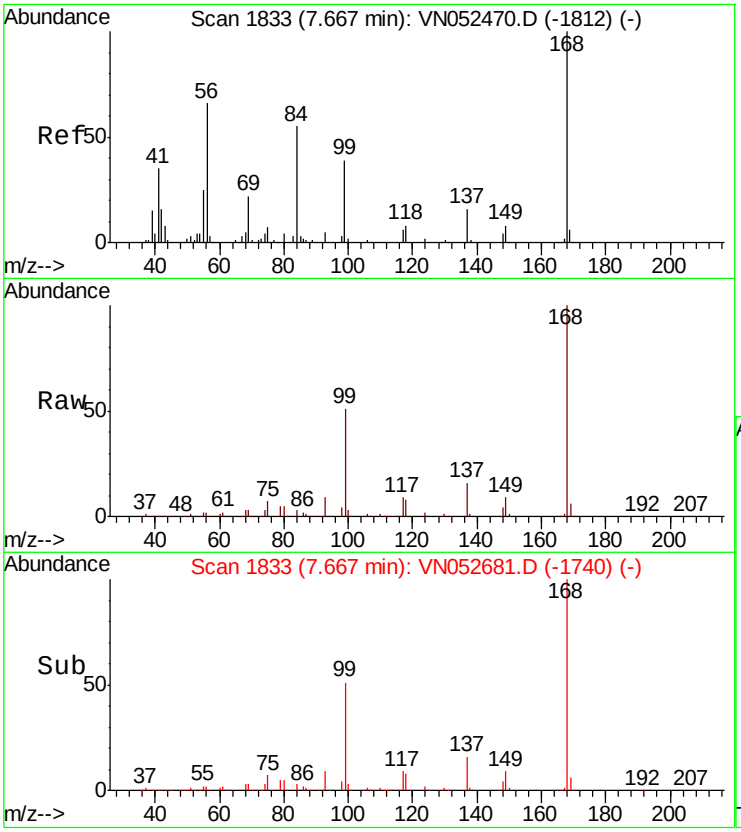
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120518\
Data File : VN052681.D
Acq On : 5 Dec 2018 17:20
Operator : MD\SY
Sample : J6194-02RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : OK-02-120418-ARE

Quant Time: Dec 06 05:49:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration



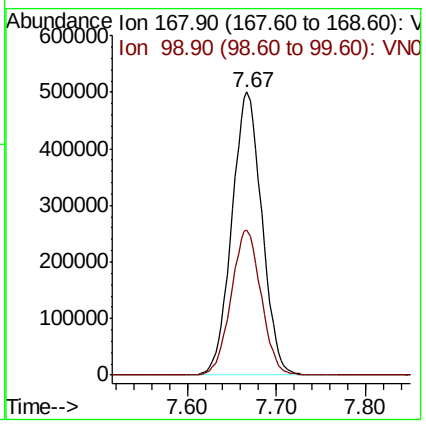


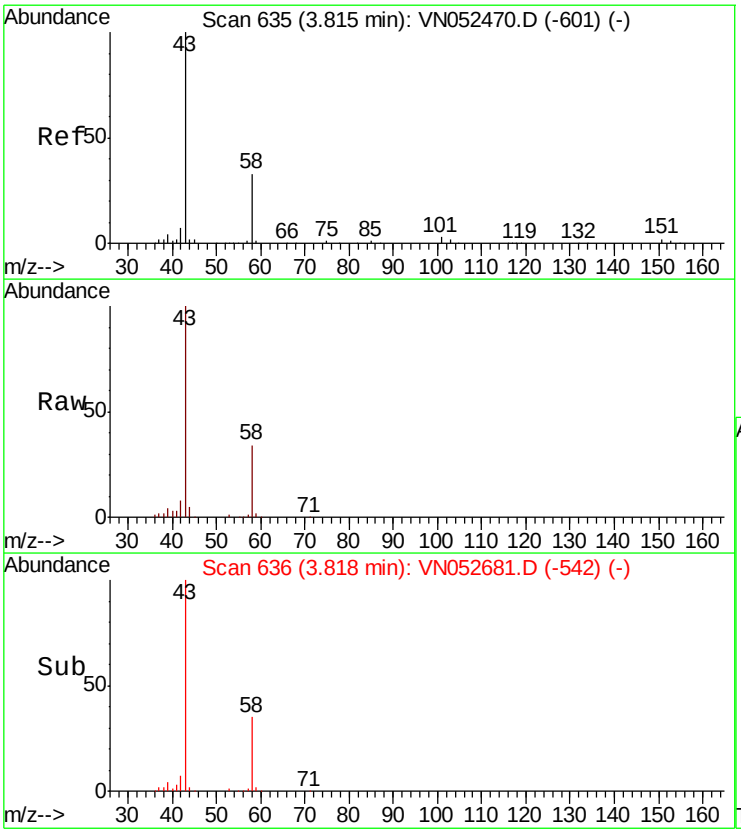
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-120418-ARE

Tgt Ion:168 Resp: 1166102

Ion	Ratio	Lower	Upper
168	100		
99	51.2	41.7	62.5

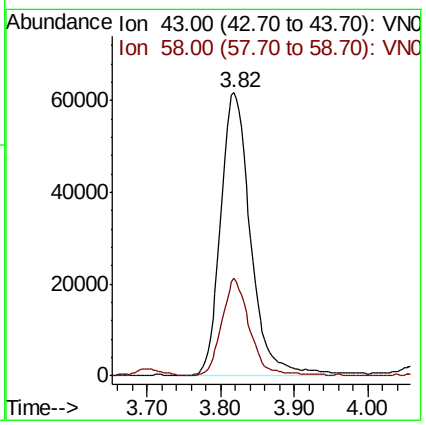


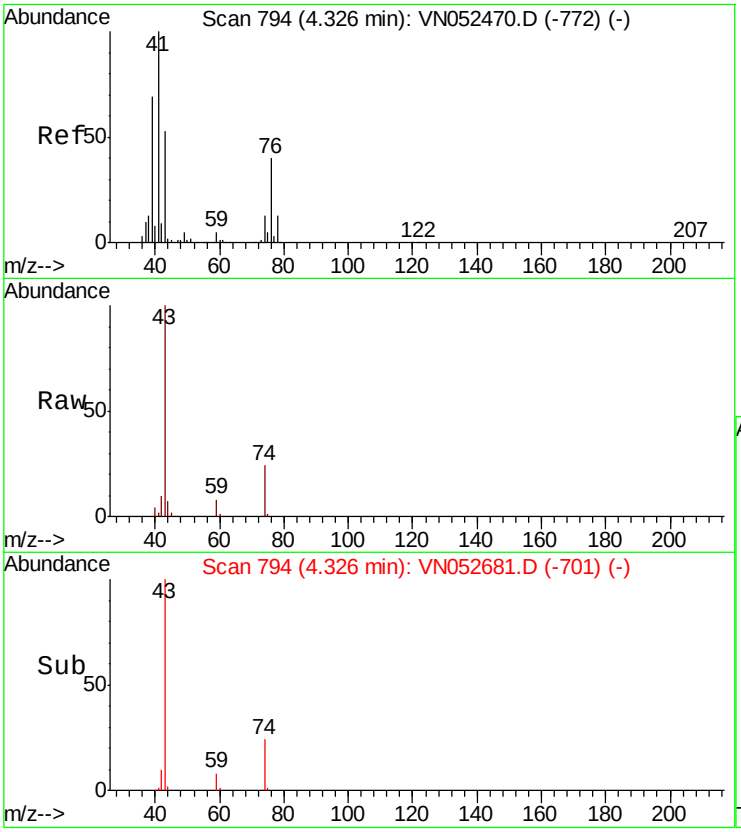


#16
Acetone
Concen: 51.826 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Tgt Ion: 43 Resp: 173560

Ion	Ratio	Lower	Upper
43	100		
58	34.2	26.0	39.0



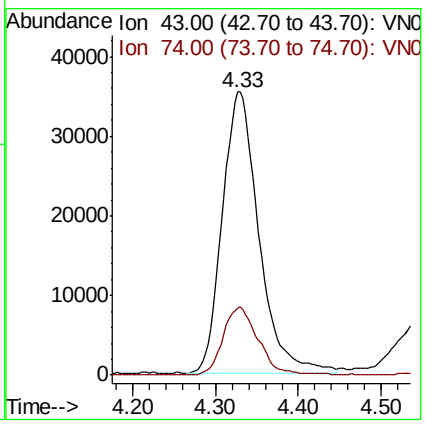


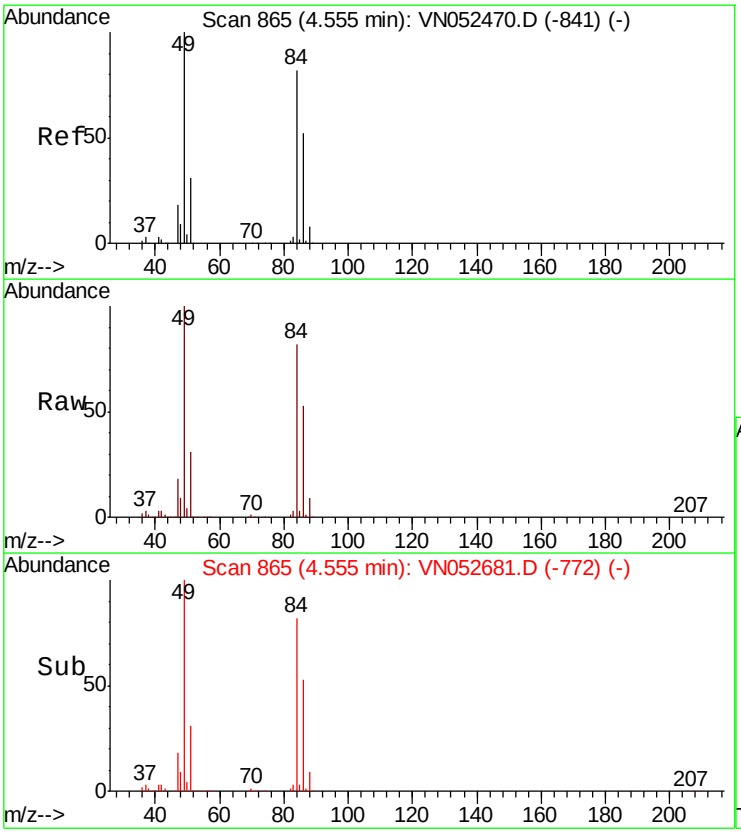
#18
Methyl Acetate
Concen: 11.291 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-120418-ARE

Tgt Ion: 43 Resp: 108465

Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.6	27.8

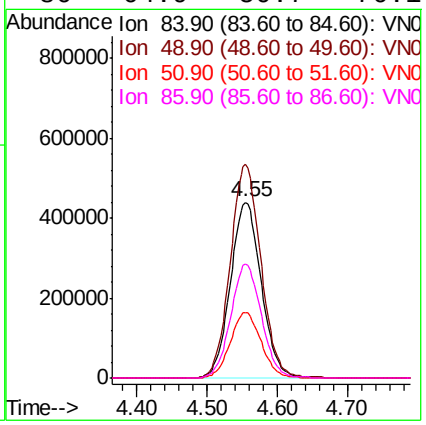


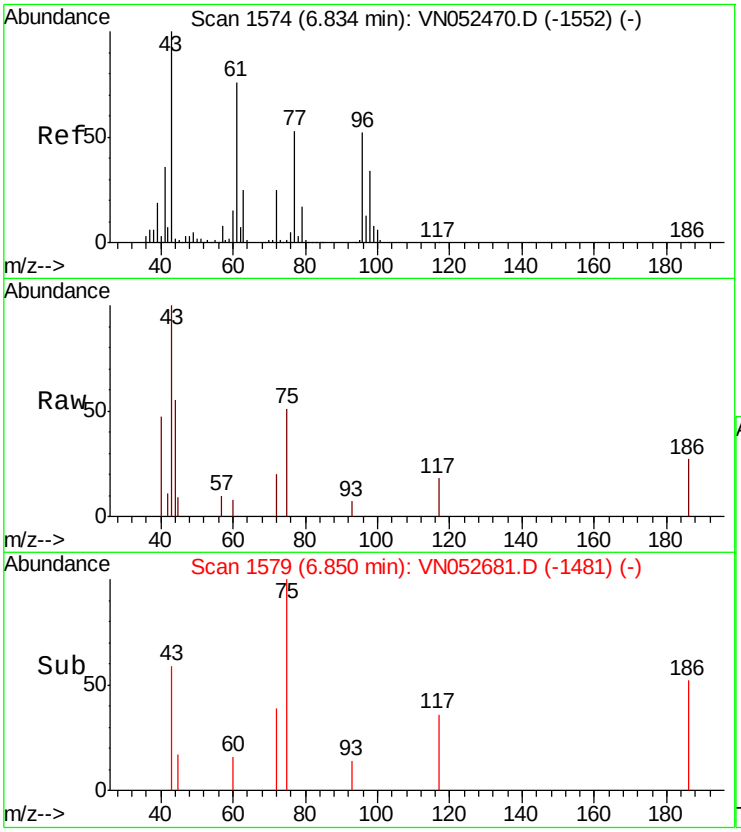


#20
Methylene Chloride
Concen: 102.341 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Tgt Ion: 84 Resp: 1341188

Ion	Ratio	Lower	Upper
84	100		
49	121.8	98.0	147.0
51	37.6	30.1	45.1
86	64.9	50.7	76.1



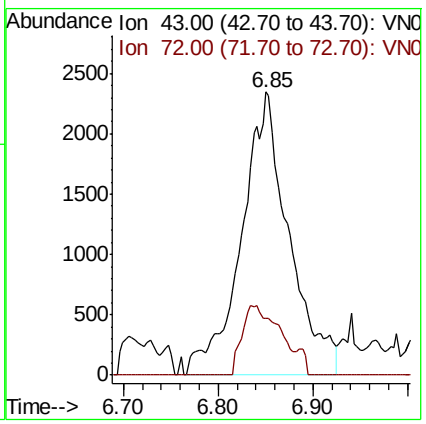


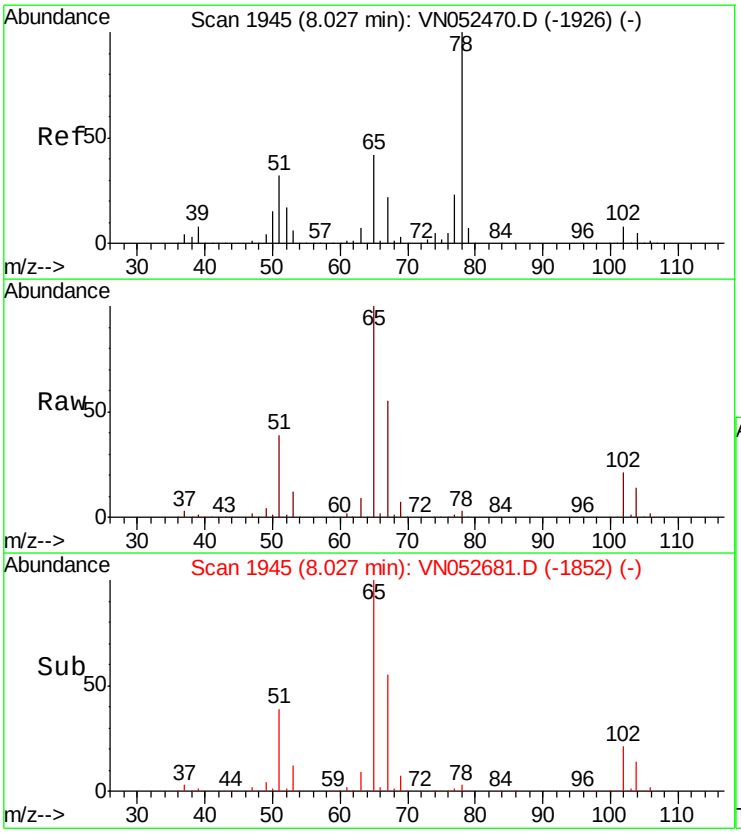
#25
2-Butanone
Concen: 1.732 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-120418-ARE

Tgt Ion: 43 Resp: 8223

Ion	Ratio	Lower	Upper
43	100		
72	20.0	20.1	30.1#

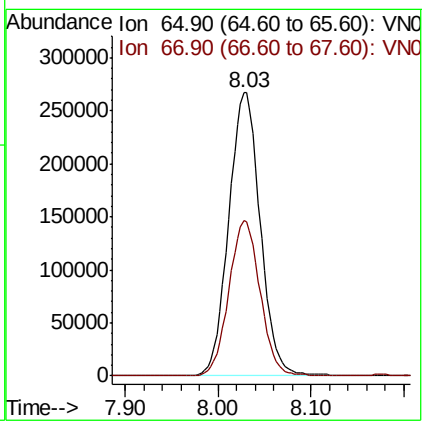


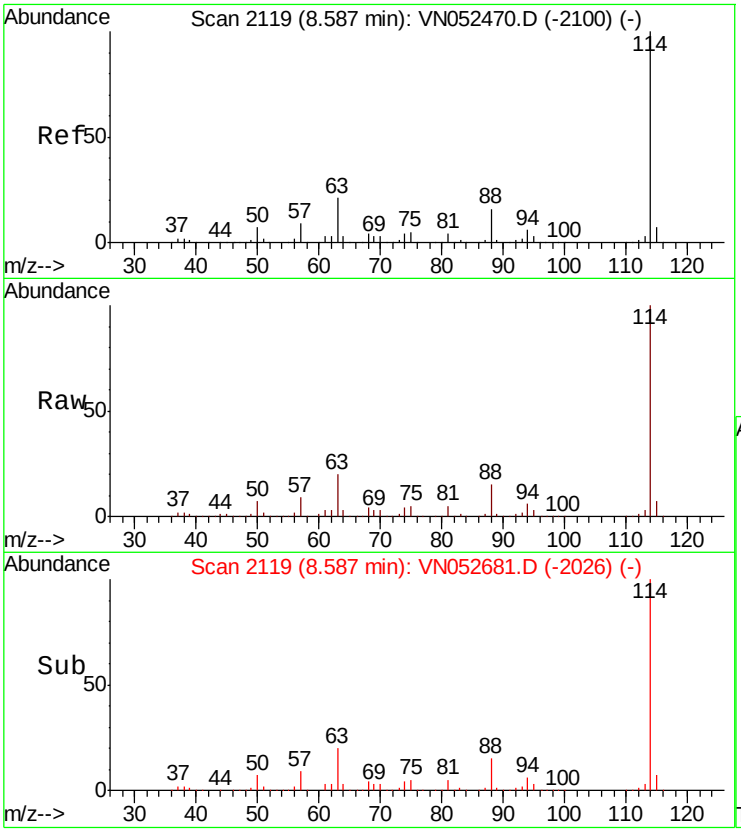


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Tgt Ion: 65 Resp: 629944

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.8



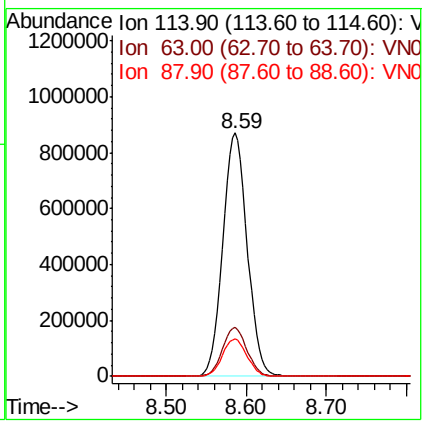


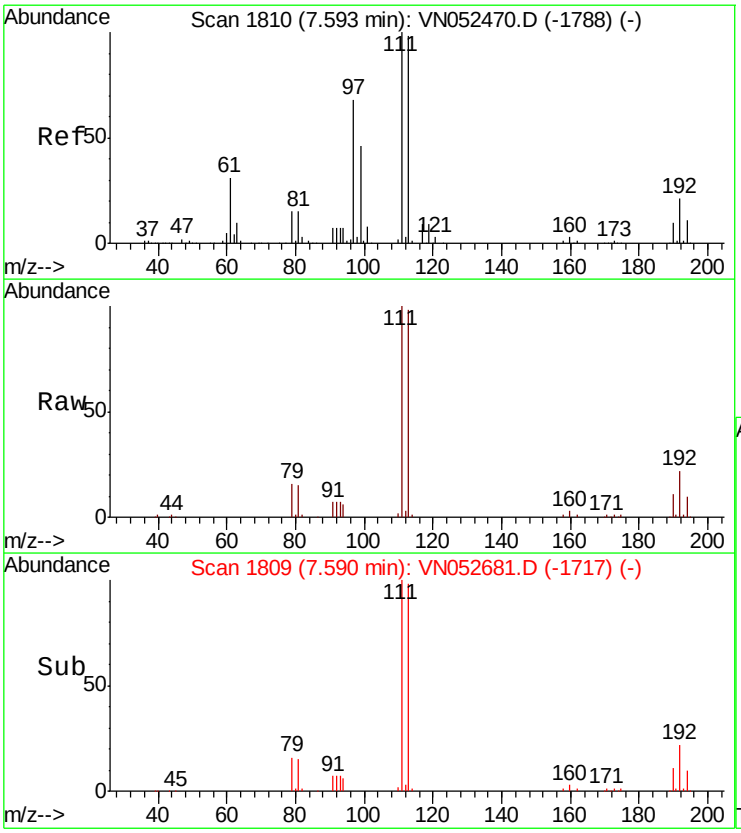
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-120418-ARE

Tgt Ion:114 Resp: 1817759

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.8
88	15.2	0.0	31.6

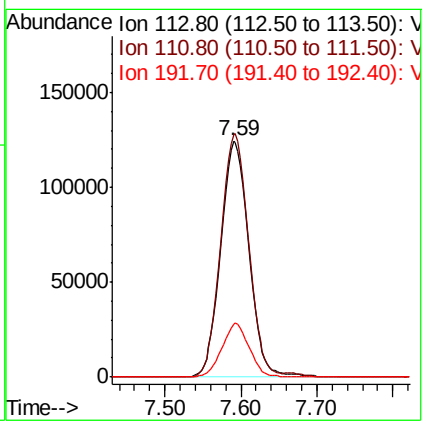


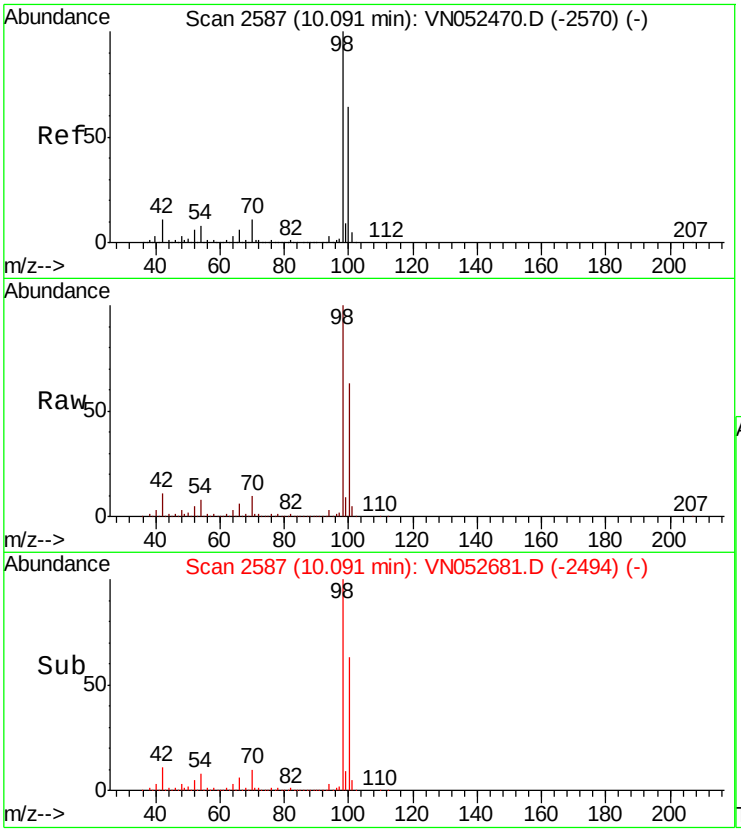


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Tgt Ion:113 Resp: 321933

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	21.9	17.0	25.6



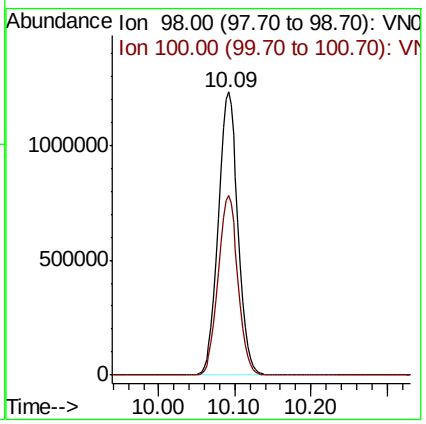


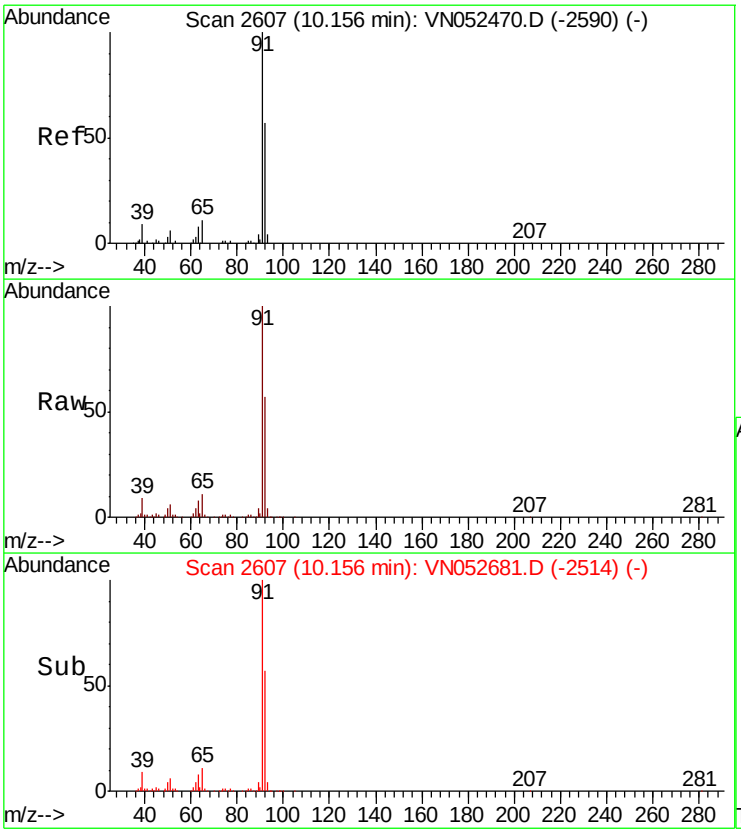
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Instrument : MSVOA_N
ClientSampleId : OK-02-120418-ARE

Tgt Ion: 98 Resp: 2206461

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.3	76.9

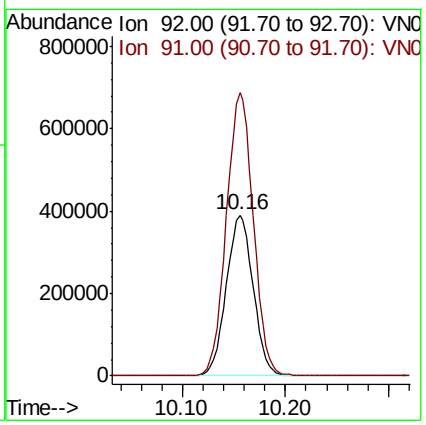


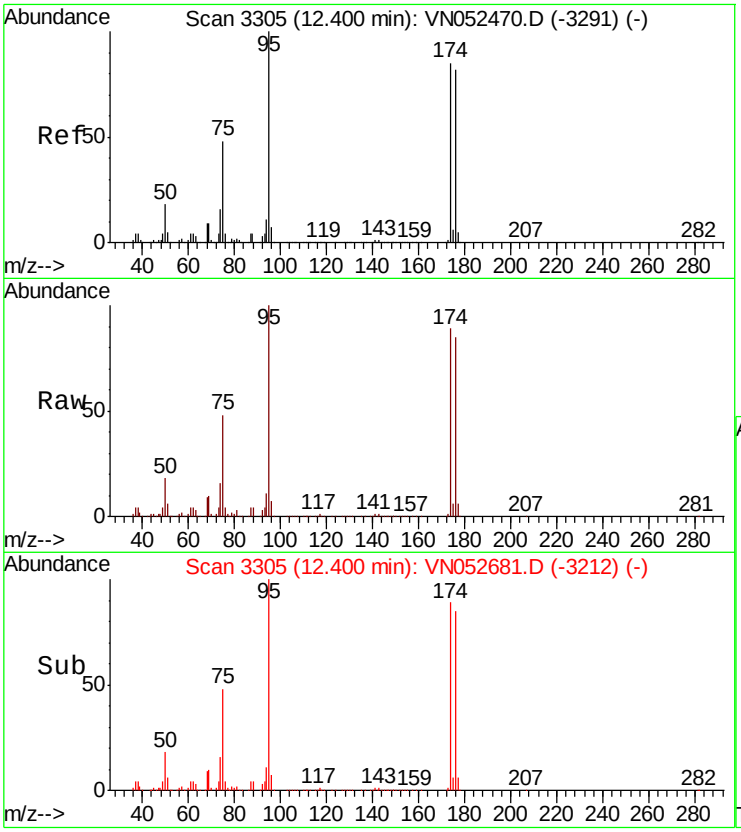


#52
Toluene
Concen: 23.341 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Tgt Ion: 92 Resp: 709434

Ion	Ratio	Lower	Upper
92	100		
91	176.9	141.0	211.4



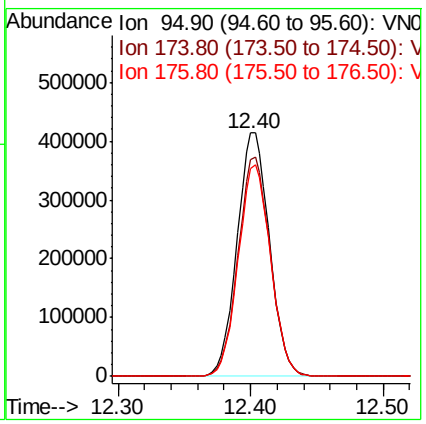


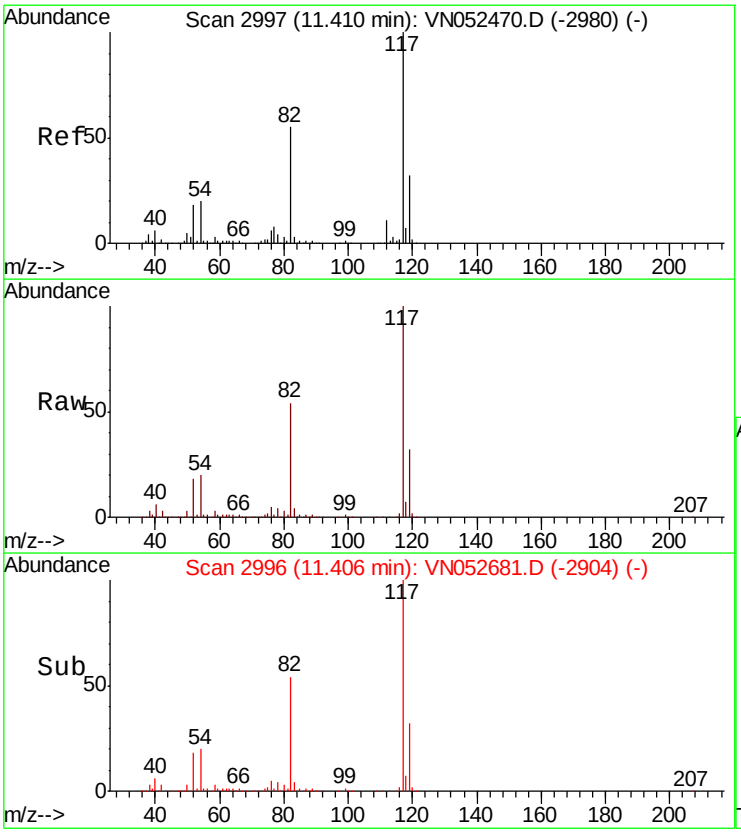
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-120418-ARE

Tgt Ion: 95 Resp: 701294

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	173.0
176	86.9	0.0	166.2

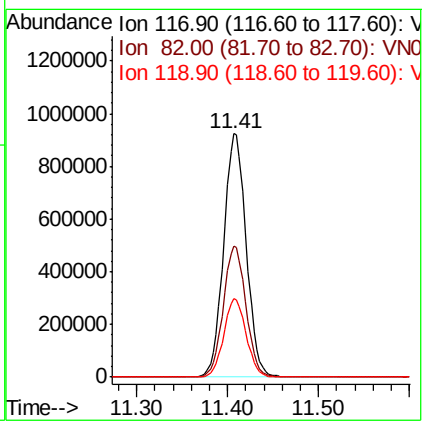


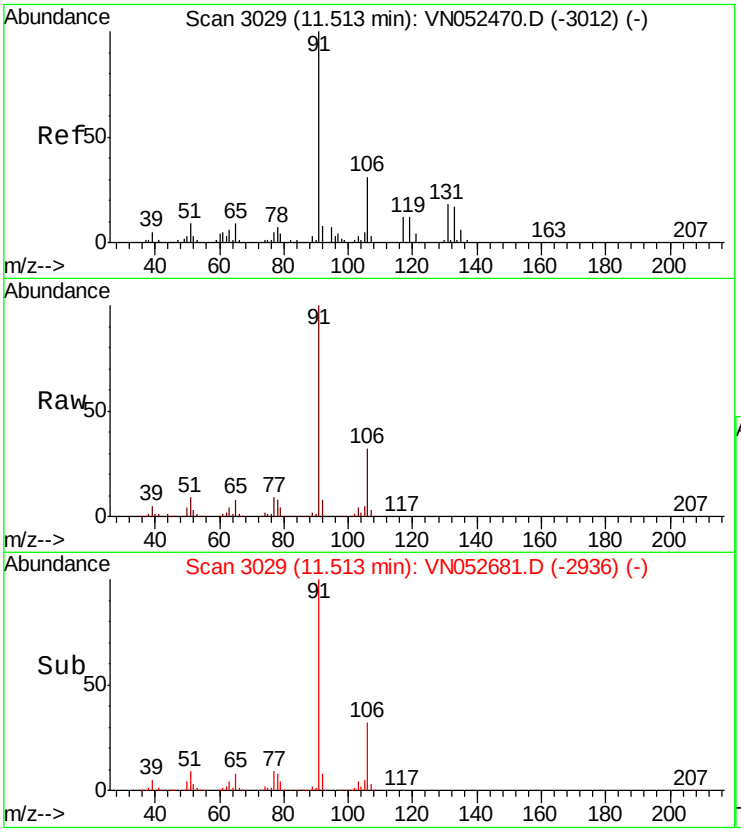


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Tgt Ion:117 Resp: 1586648

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.6	65.4
119	32.2	25.4	38.2



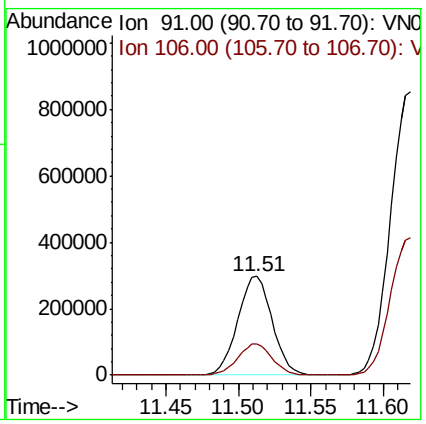


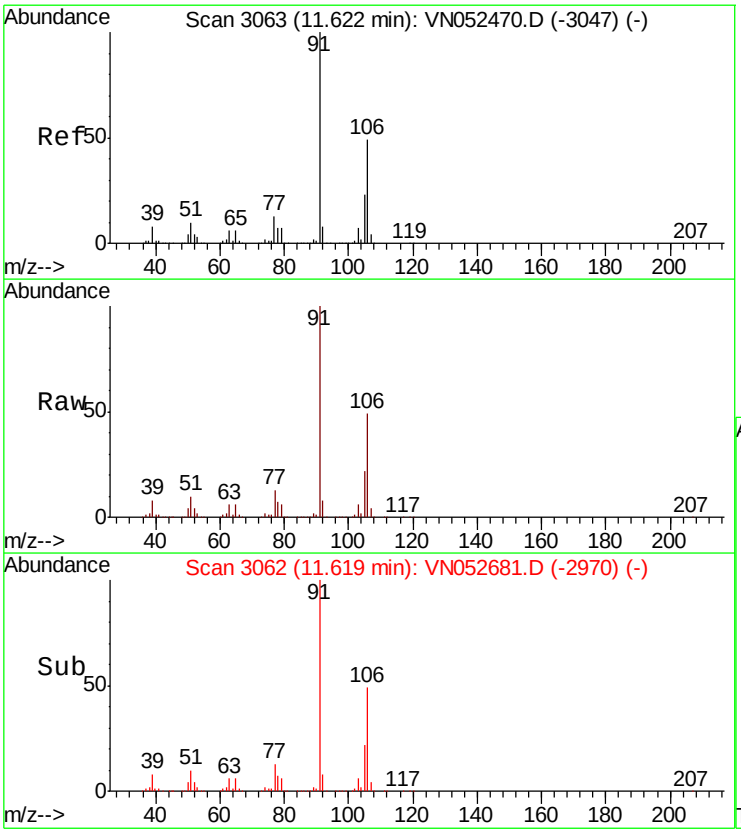
#67
Ethyl Benzene
Concen: 8.587 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Instrument : MSVOA_N
ClientSampleId : OK-02-120418-ARE

Tgt Ion: 91 Resp: 491987

Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.9	37.3

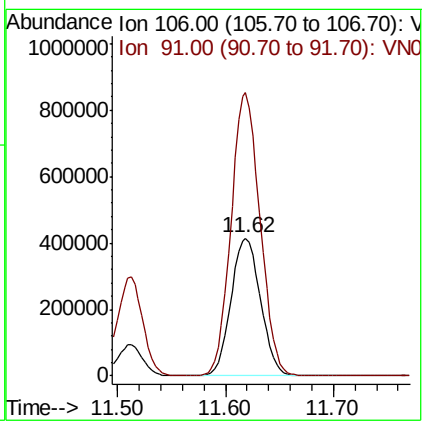


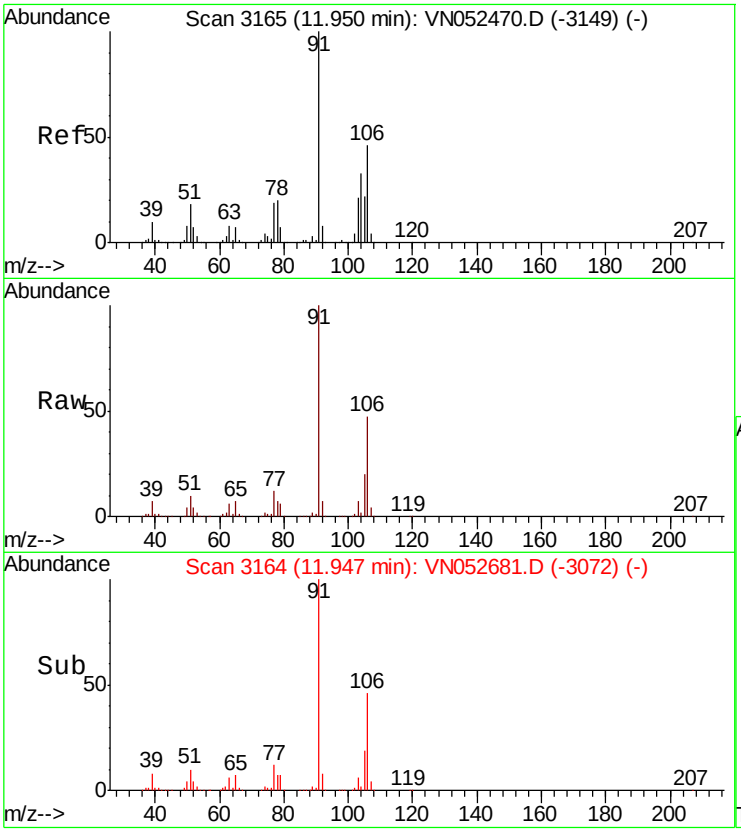


#68
m/p-Xylenes
Concen: 37.004 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Tgt Ion:106 Resp: 789235

Ion	Ratio	Lower	Upper
106	100		
91	201.9	163.2	244.8



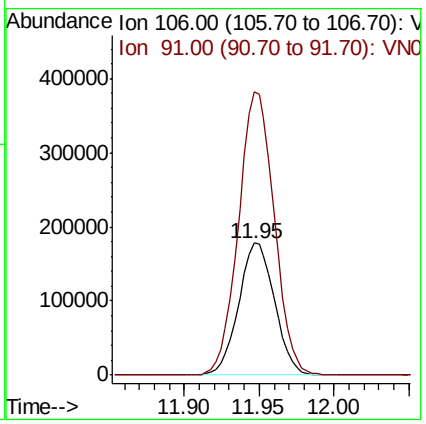


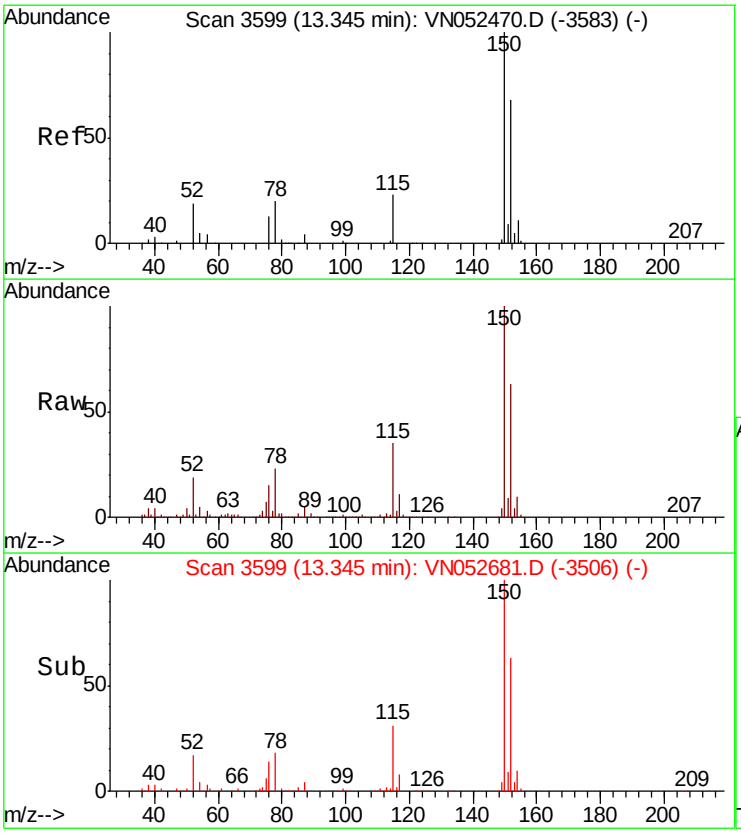
#69
o-Xylene
Concen: 14.363 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-120418-ARE

Tgt Ion:106 Resp: 297493

Ion	Ratio	Lower	Upper
106	100		
91	213.6	107.7	323.1

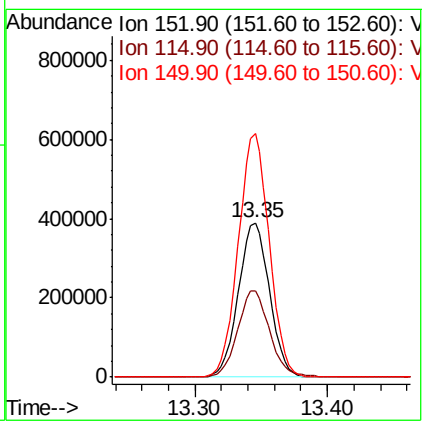


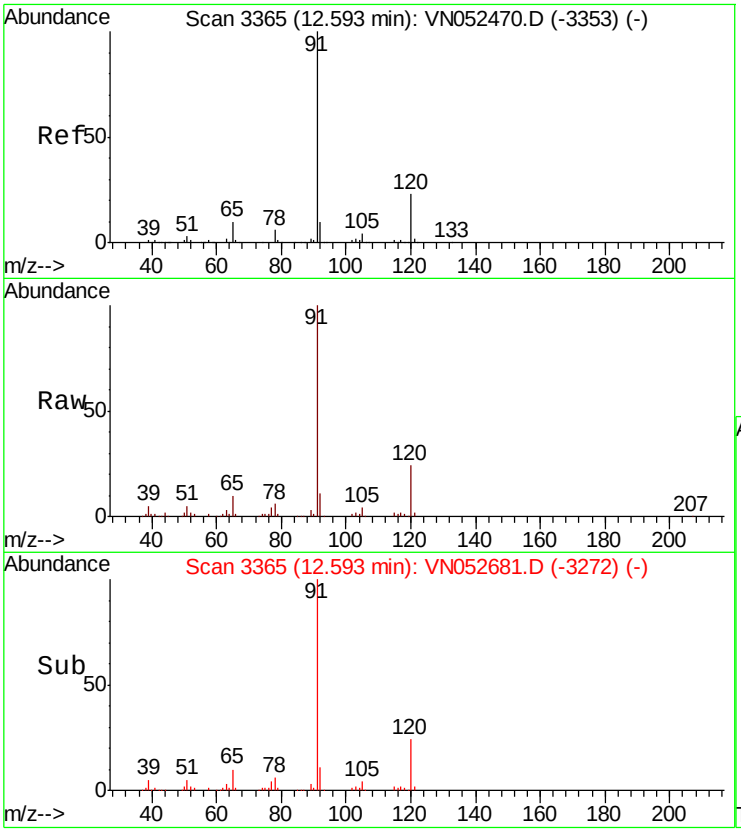


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Tgt Ion:152 Resp: 633439

Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.4	85.2
150	156.8	0.0	346.0



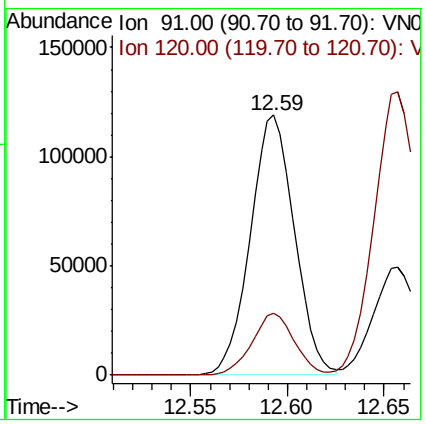


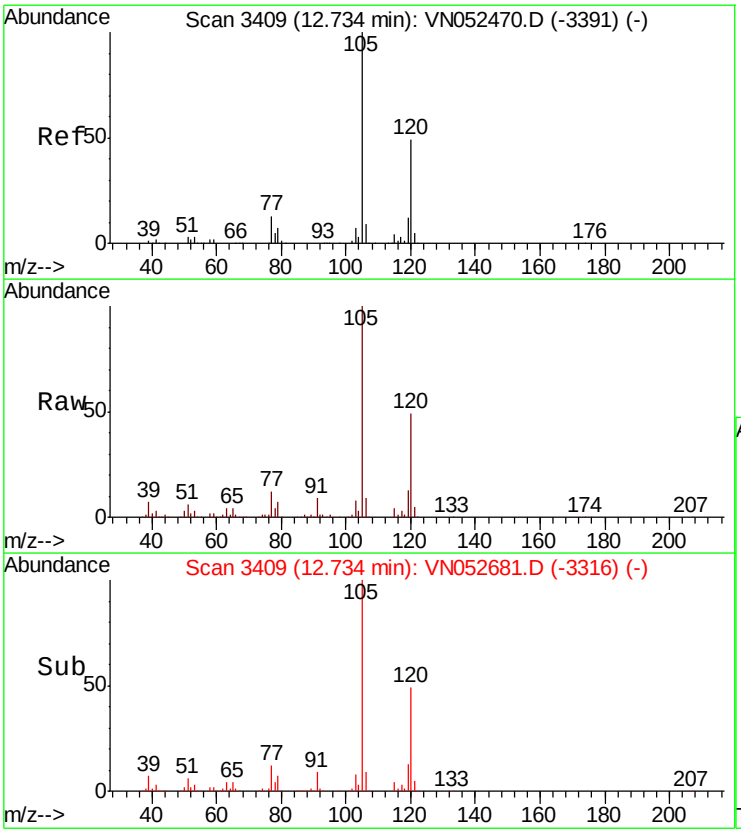
#78
n-propylbenzene
Concen: 3.346 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-120418-ARE

Tgt Ion: 91 Resp: 188918

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.3	33.9

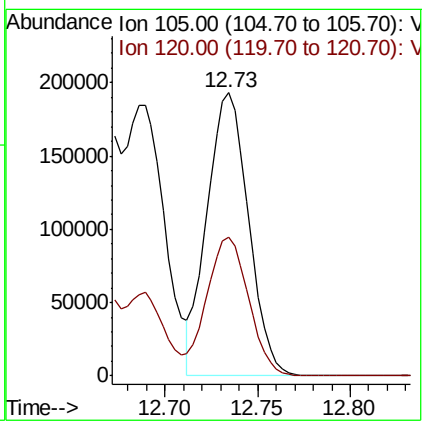


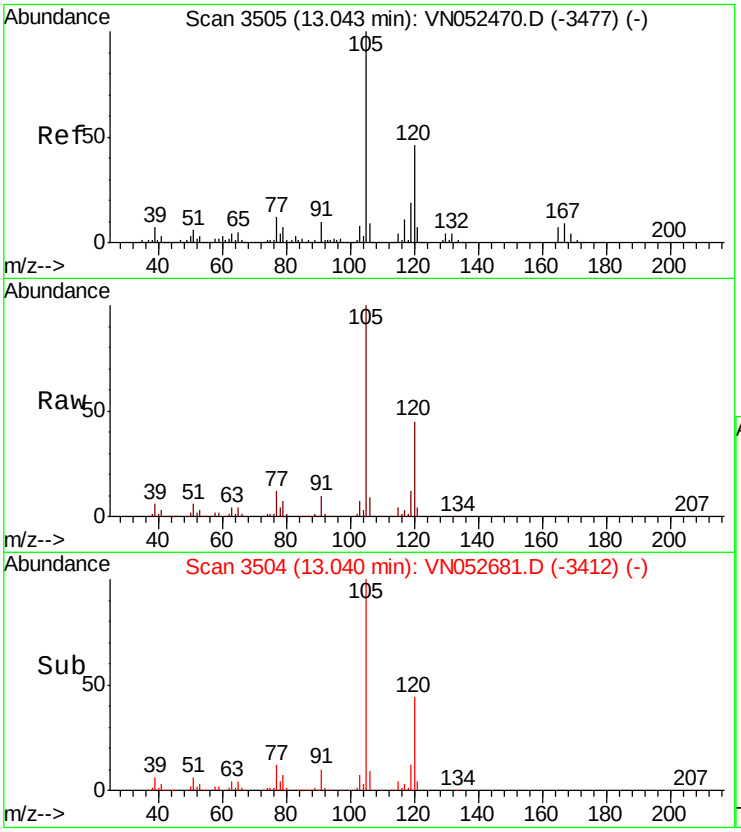


#80
1,3,5-Trimethylbenzene
Concen: 7.551 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Tgt Ion:105 Resp: 299296

Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.3	73.0



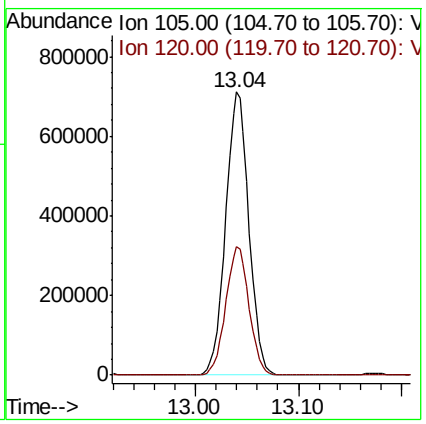


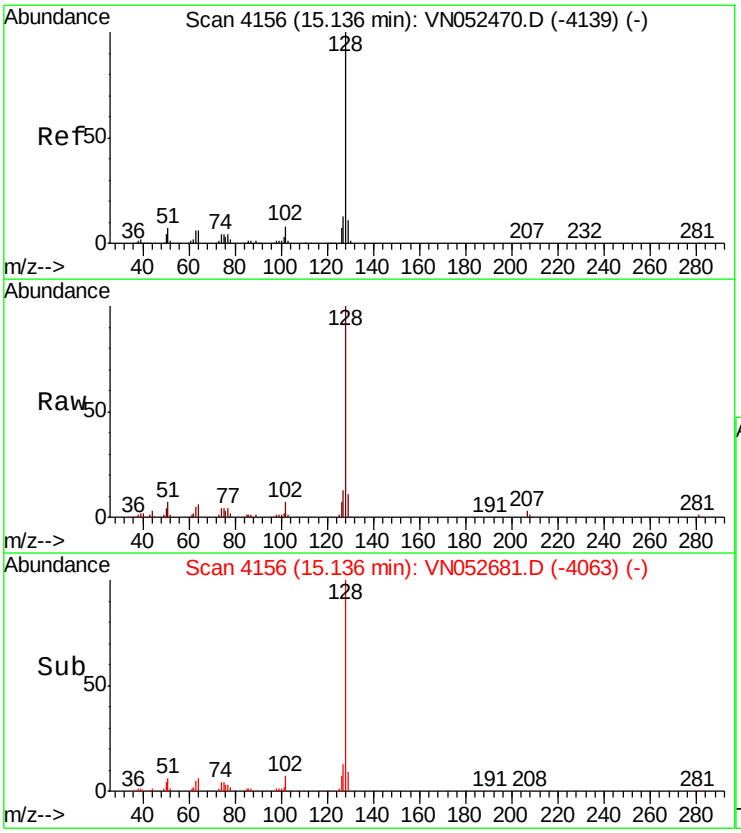
#84
1,2,4-Trimethylbenzene
Concen: 28.006 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-120418-ARE

Tgt Ion:105 Resp: 1112460

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.4





#95
Naphthalene
Concen: 8.290 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052681.D
Acq: 5 Dec 2018 17:20

Tgt Ion:128 Resp: 124478

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.7	13.1